



Mede/Analytics®

Aruba 21.1 release training: Payer platform

4/13/21

A few notes before we begin

- ▶ Your line was muted when you joined the event. If you would like to communicate with fellow attendees or presenters, please use the chat function throughout the session.
- ▶ If you have questions or comments during the event, please submit them in the Q&A chat box at the bottom of your screen. (Don't forget to select "All Panelists.")
- ▶ This event is being recorded. The recording will be sent to all attendees in the coming days.

Release Schedule:

Release	Date
Aruba 21.1	April 30, 2021
Bora Bora 21.2	July 30, 2021
Cocoa Beach 21.3	October 29, 2021
Del Mar 21.4	January 28, 2022

Meet today's Presenters

- ▶ Michael Doeff
 - ▶ Product Manager, MedeWorks
- ▶ Jason Piele
 - ▶ AVP, Product Management
- ▶ Nick Stutzman
 - ▶ Senior Director, Product Management Payer Operations
- ▶ Brett Schelenski
 - ▶ Senior Director, Product Management





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VBPM

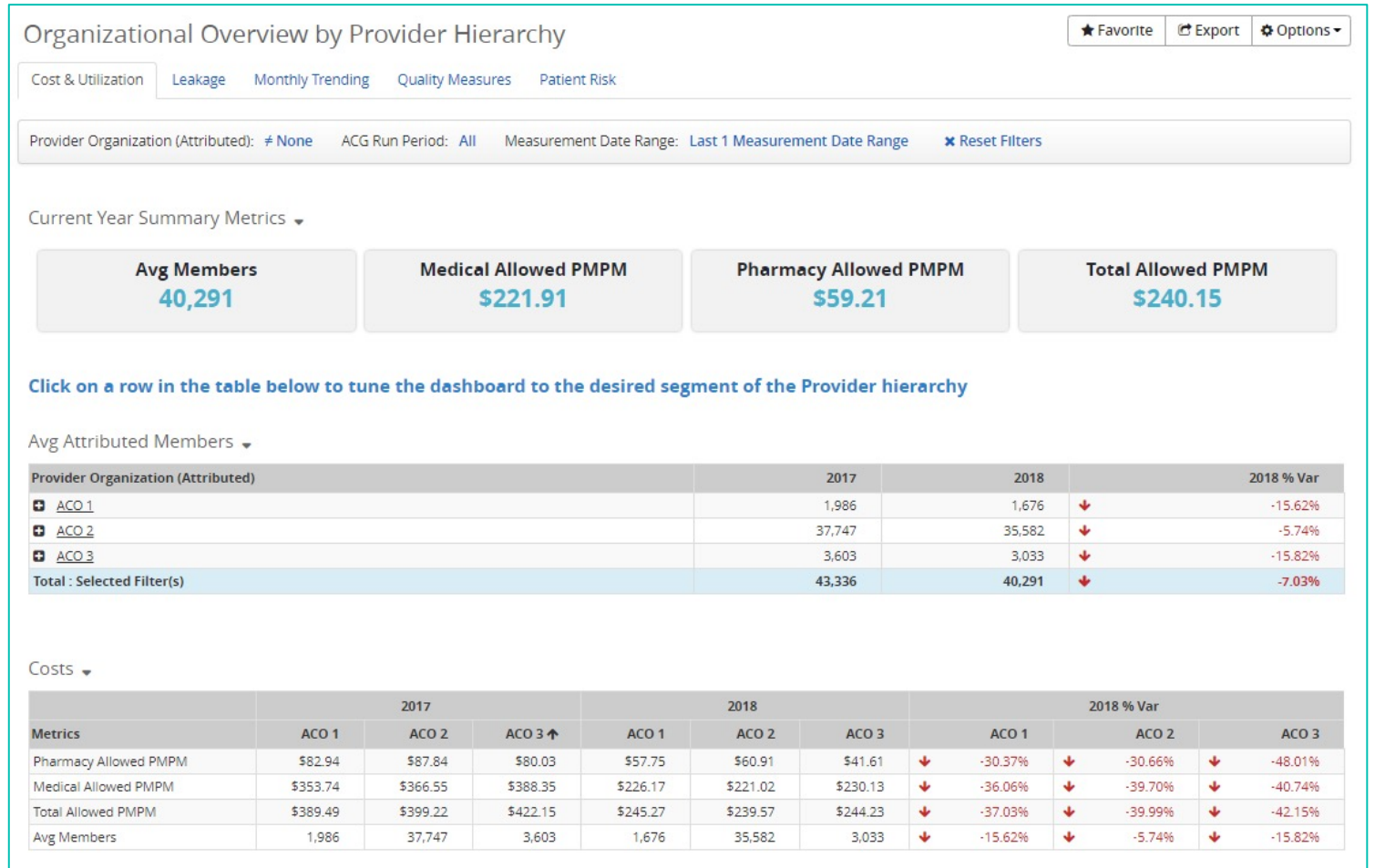
Pop Health and Quality Management
Q1 Release Training

ACO Dashboard

Allowing ACO organizations to view how they are performing on these various pieces in one place. Many organizations have multiple ACO's they are tracking, so they can compare performance and focus on problematic areas and groups.

Areas of Focus:

- Cost and Utilization
- Leakage
- Monthly Trending
- Quality Measures
- Patient Risk




ACO Dashboard

- ▶ This functionality is an optional component in VBPM
- ▶ This relies on a new data input that provides us with the proper structure of your provider organization
- ▶ This hierarchy is joined to all data sets in the solution

Provider Organization (Attributed)

This dimension is global and will remain filtered in other pages y

Select values

Search 

View levels: All 1st 2nd 3rd 4th 5th

- [-] All
 - [+] None
 - [+] ACO 1
 - [-] ACO 2
 - [-] Shared Saving001
 - [-] Contract Group 1
 - [-] Contract Group 1
 - Page 1 of 2
 - name 00390
 - name 00692
 - name 00793
 - name 01217
 - name 02100
 - name 02177

SDoH – Social Vulnerability Index

Social vulnerability refers to the potential negative effects on communities caused by external stresses on human health. Such stresses include natural or human-caused disasters, or disease outbreaks. Reducing social vulnerability can decrease both human suffering and economic loss.

The **SVI** uses 15 U.S. census variables to help identify communities that may need support before, during, or after disasters.

Benefits of SVI in VBPM:

- This will let you understand what external factors can potentially be impacting your members by understanding the environment they live in
- Allows you to join elements of the SVI to other elements in the VBPM solution (e.g. are the members who live in an area where a crowded household is common more prone to COVID?)
- Trend risk scores and gaps in care with SVI

SDOH Component

- New fields in Event Detail Report
- Metrics and Dimensions in Event Summary
- Coming soon – Canned SDOH dashboards and reports

Summary Dimension Name	Possible dimension members
SDOH Age Band	0-17 18-64 65+
Socioeconomic Vulnerability Risk	0.7501 - 1 = High 0.2501 - 0.75 = Moderate 0 - 0.25 = Low
Household Comp Vulnerability Risk	0.7501 - 1 = High 0.2501 - 0.75 = Moderate 0 - 0.25 = Low
Minority/Language Vulnerability Risk	0.7501 - 1 = High 0.2501 - 0.75 = Moderate 0 - 0.25 = Low
Housing/Transportation Vulnerability Risk	0.7501 - 1 = High 0.2501 - 0.75 = Moderate 0 - 0.25 = Low
Overall Vulnerability Risk	0.7501 - 1 = High 0.2501 - 0.75 = Moderate 0 - 0.25 = Low

Event Detail

[Pop-Out](#)
[★ Favorite](#)
[Export](#)
[Options](#)

All Filters
0 In Use

Location	Population Est	Households Est	% Below Poverty Est	Unemployment Rate Est	Per Capita Income Est	% No HS Diploma (25+ yrs) Est	Sum: Socioeconomic	Socioeconomic Percentile Rank	Socioeconomic Vulnerability Risk	Poverty Flag	Unemployment Flag	Per Capita Income F
Tulsa County, Oklahoma	642,781	251,176	15	6	\$30,894	11	2	0.40	Moderate	0	0	0
Santa Clara County, California	1,922,200	635,525	8	5	\$52,451	12	1	0.19	Low	0	0	0
St. Louis County, Missouri	998,684	403,547	10	5	\$39,784	7	1	0.13	Low	0	0	0
Dallas County, Texas	2,586,552	917,276	17	5	\$31,219	21	2	0.56	Moderate	0	0	0
Smith County, Texas	225,015	77,195	16	6	\$27,141	15	2	0.61	Moderate	0	0	0
Nez Perce County, Idaho	40,155	16,302	15	5	\$27,753	8	1	0.33	Moderate	0	0	0
Nez Perce County, Idaho	40,155	16,302	15	5	\$27,753	8	1	0.33	Moderate	0	0	0
Smith County, Texas	225,015	77,195	16	6	\$27,141	15	2	0.61	Moderate	0	0	0
Tulsa County, Oklahoma	642,781	251,176	15	6	\$30,894	11	2	0.40	Moderate	0	0	0
St. Louis County, Missouri	998,684	403,547	10	5	\$39,784	7	1	0.13	Low	0	0	0

HEDIS® MY 2020 Certification

- HEDIS® MY 2020 Certification
 - Completed February 10, 2021

NCQA Measure CertificationSM
Certification Report for MedeAnalytics



CERTIFICATION OUTCOME

Date of Certification Report	February 16, 2021
Name of Product Containing Certified Measures	MedeAnalytics Quality Module
Version of HEDIS Technical Specifications	HEDIS MY2020
Vendor ID (for IDSS XML)	22266



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Healthcare Economics

Q1 Release Training

Healthcare Economics Aruba Release Features

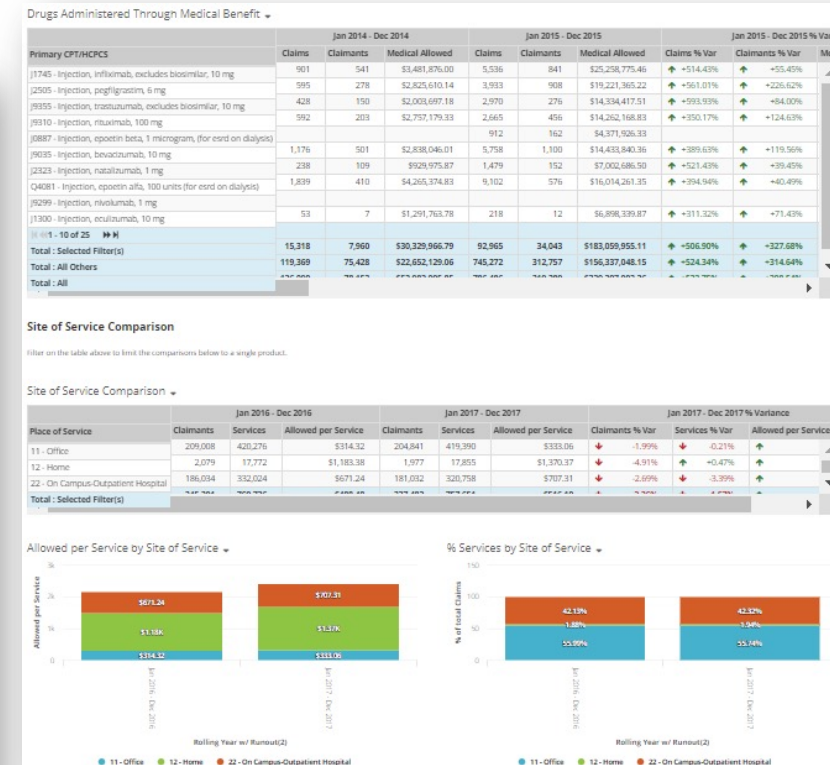
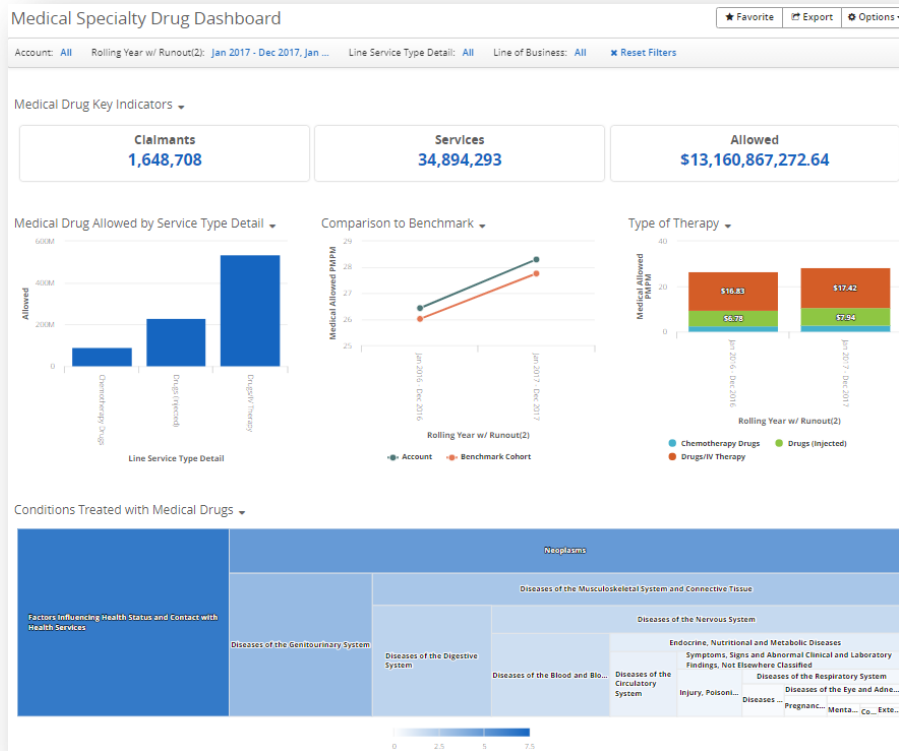
- ▶ COVID Vaccine Dimensions
- ▶ Medical Specialty Drug Dashboard
- ▶ High Deductible, HRA, HSA Flags
- ▶ Patient Profile 2.0
- ▶ Join/Stay/Leave dimensions removed from financial summary views
- ▶ QA Reports for Claims with Future Incurred Dates
- ▶ Updates to P&W Dashboard
- ▶ Revenue Code 0320 added to Service Type Logic
- ▶ CDC Social Vulnerability Index (SDOH) Feature
- ▶ Update to APR-DRG v38
- ▶ NYU Avoidable ER Visits widget filter updates
- ▶ High Deductible/HRA/HSA Flags

COVID Vaccine Elements

- ▶ COVID Vaccine Member Flag
 - ▶ The COVID Vaccine Member Flag is populated on a member record from the time of the first vaccine and on all future claims.
 - ▶ This flag is used to identify cohorts of members that have and have not received the vaccine.
 - ▶ This flag will also indicate if the member received the complete course of treatment or only one of the 2 doses.
- ▶ COVID Vaccine Claim Flag
 - ▶ The COVID Vaccine Claims Flag indicates only those claim lines that have an NDC or CPT/HCPCS for the vaccine itself.
 - ▶ This flag is used to show cost of the vaccine itself not taking into account other medical or pharmacy cost that the member may have received on the same day.
- ▶ COVID Vaccine Days Between Doses
 - ▶ COVID Vaccine Days Between Doses shows the number of days a member went between their first and second dose.
 - ▶ This dimension is used to determine if the number of days a member went between doses as an impact on future utilization for those members.

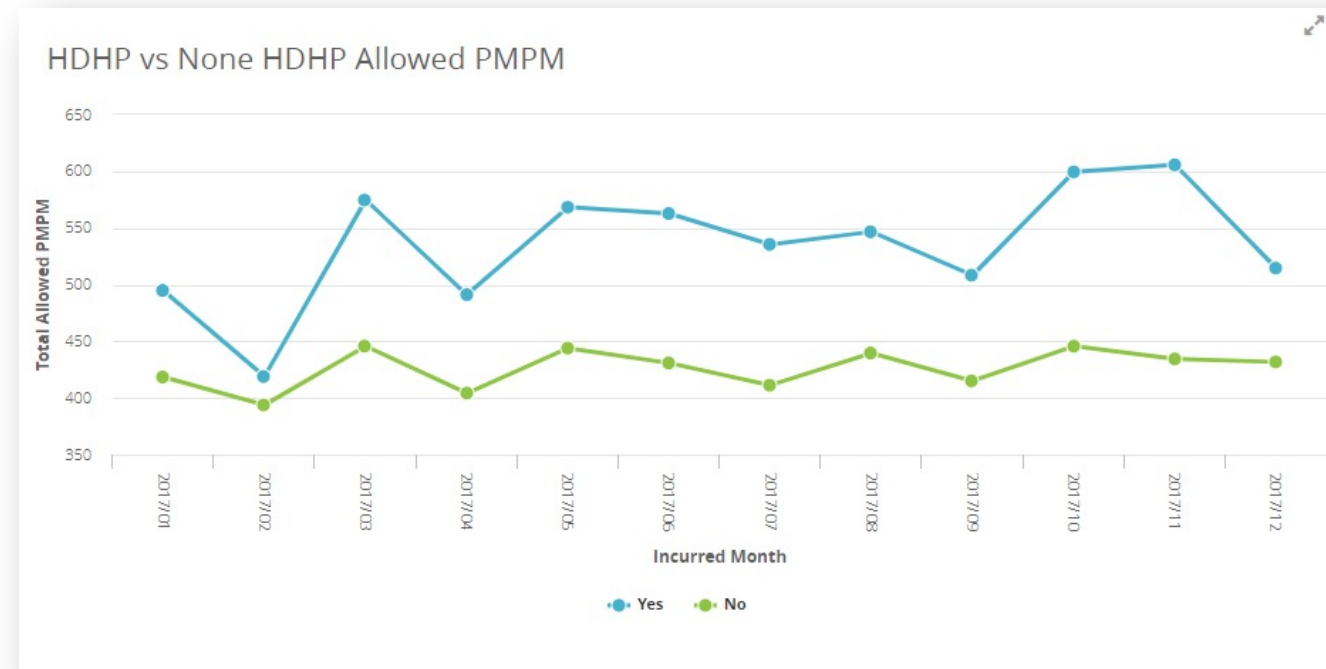
Medical Specialty Drug Dashboard

- ▶ The Medical Specialty Drug dashboards identifies medical utilization of drugs administered in the professional or facility setting.
- ▶ By using the Service Type Detail values of Chemotherapy, Drugs (Injected) and Drugs/IV Therapy.



High Deductible, HRA, HSA flags

- ▶ The ability to add 3 new flags has been added to the product. We can now support clients sending us flags on member records indicating that they are enrolled in a High Deductible, HRA or HSA plan.
- ▶ This is to allow for comparisons of cost and utilization in members that are enrolled in these types of plans, versus those that are enrolled in PPO, HMO, etc. plan types.



Patient Profile 2.0

- The new patient profile is a new look and feel to the same information. We have not changed or removed any of the data points that users are expecting, we have only updated to a more contemporary user experience.

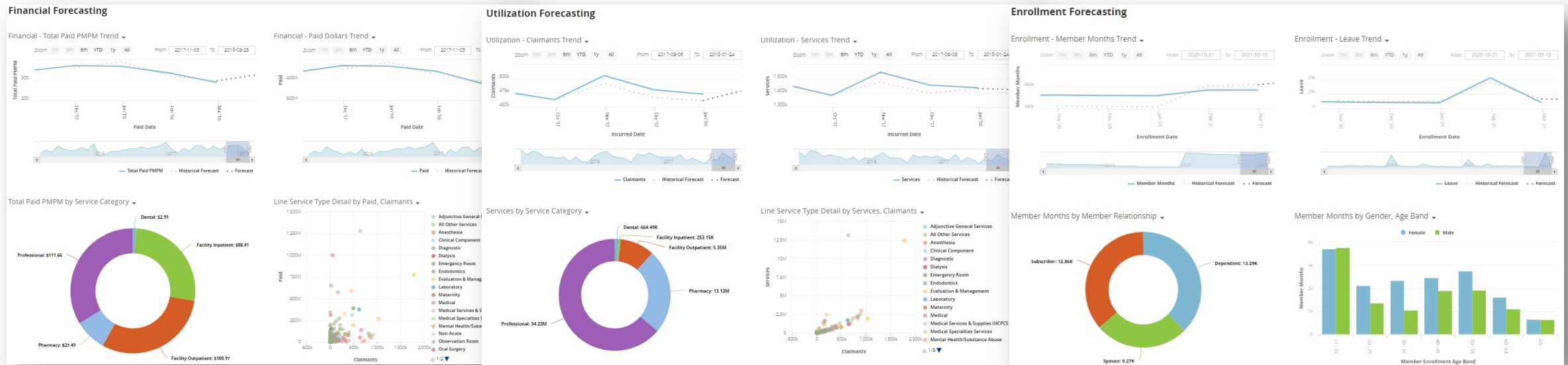
MEMBER FIRST NAME: Dean	Face Sheet	Medical Utilization	Medications	Chronic Conditions		
MEMBER LAST NAME: Kent						
MEMBER GENDER: Male	SSN:	123456789	Subscriber ID:	Subscriber477081	OP Visit:	1
MEMBER ID: Member3472339	DOB:	6/18/1961	Member Relationship:	Subscriber	IP Visits:	0
MEMBER RELATIONSHIP: Subscriber	Address:	123 Main St City10260, TX 78940	Coverage Type:	Medical	ER Visits:	0
	Employer:	041 -Account041	Coverage Start Date:	1/1/2015	Prescriptions:	0
			Coverage End Date:	1/1/2017	Unique Provider Seen:	8
			Product:	PPO	Specialty Count:	5
			PCP:	PcpFirstName002773368 PcpLastName002773368	Chronic Condition Count:	4

Employer Reporting Aruba Release Features

- ▶ Account Forecasting Dashboard
- ▶ Trigger Diagnosis Dashboard Update
- ▶ Trending Dates in Presentation Reports

Account Forecasting Dashboard

- ▶ New Dashboard using platform capabilities of forecasting cost and utilization at the account level. This dashboard contains 3 tabs, Financial Forecasting, Utilization Forecasting and Enrollment Forecasting.



Trigger Diagnosis Dashboard Update

- Updating the Trigger Diagnosis dashboard to be more closely aligned with the Trigger Diagnosis presentation report that is targeted to be released in Q2

Original 2021.

Trigger Diagnosis List

Account: All Incurred Month: Last 6 Months Reset Filters

Trigger Diagnosis List Summary:
The Trigger Diagnosis List report displays summary reports of members that have been identified as having a documented trigger diagnosis during the selected date range.

To access a detailed list of members with documented trigger diagnoses, left click on the Claimants metric value and select "Open Claimant Detail". The Claimant Detail view will display with a record for each member that will include financial and utilization information for the selected date range.

Trigger Diagnosis Flag Summary

Trigger Diagnosis Flag	Claimants	Paid
Total : Yes	365,001	\$1,042,021,256.62

Trigger Diagnosis Category Summary

Trigger Diagnosis Category	Claimants	Paid
Not Applicable	1,002,213	\$1,170,160,922.36
Certain Conditions Originating in the Perinatal Period	1,895	\$30,855,048.93
Certain Infectious and Parasitic Disease	2,916	\$37,147,443.23
Congenital Malformations, Deformations, and Chromosomal Abnormalities	5,266	\$24,571,509.91
Diseases of Circulatory System	34,022	\$147,192,160.55
Diseases of Digestive System	69,661	\$158,525,954.66
Diseases of Musculoskeletal System & Connective Tissue	66,432	\$154,778,432.37
Diseases of Nervous System	2,665	\$20,709,961.37
Diseases of Respiratory System	24,180	\$25,696,640.39
Diseases of the Genitourinary System	10,529	\$73,290,899.99
Diseases of the blood and blood-forming organs & disorders involving the immune mechanism	30,371	\$110,448,665.67
Endocrine, Nutritional, and Metabolic Diseases	204,859	\$284,236,620.23
Factors Influencing Health Status and Contact with Health Services	3,220	\$9,400,880.17
Injury, Poisoning, and Certain Other Consequences of External Causes	13,526	\$55,496,709.11
Mental, Behavioral, and Neurodevelopmental Disorders	24,479	\$30,515,177.15
Neoplasms	22,592	\$202,480,164.82
Pregnancy, Childbirth, and the Puerperium	6,133	\$10,408,546.13
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	36,594	\$59,859,210.41
Total : All	1,046,250	\$2,212,182,178.98

New

Trigger Diagnosis Dashboard

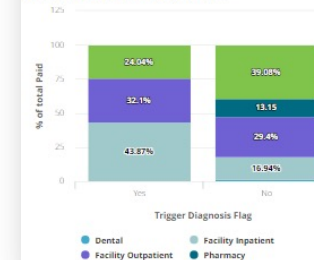
Claim Summary Metrics

Claimants	Paid	Allowed
867,203	\$6,008,218,481.86	\$7,540,171,945.25

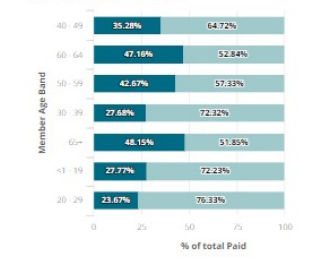
Trigger Diagnosis Category Summary

Trigger Diagnosis Category	Paid per Claimant	Account	Benchmark Cohort
		Claimants per 1000	Total Paid PMPM
Certain Conditions Originating in the Perinatal Period	\$30,277.28	1.9	\$4.92
Certain Infectious and Parasitic Disease	\$22,117.25	2.8	\$5.22
Congenital Malformations, Deformations, and Chromosomal Abnormalities	\$10,241.91	4.2	\$3.59
Diseases of Circulatory System	\$8,854.98	23.7	\$17.46
Diseases of Digestive System	\$3,645.15	60.4	\$18.35
Diseases of Musculoskeletal System & Connective Tissue	\$3,980.32	47.9	\$15.89
Diseases of Nervous System	\$18,406.74	1.6	\$2.49
Diseases of Respiratory System	\$1,637.79	21.7	\$2.96
Diseases of the Genitourinary System	\$16,356.46	7.0	\$9.50
Diseases of the blood and blood-forming organs & disorders involving the immune mechanism	\$6,116.84	25.9	\$13.19
Endocrine, Nutritional, and Metabolic Diseases	\$2,998.05	118.5	\$29.60
Factors Influencing Health Status and Contact with Health Services	\$5,285.56	3.6	\$1.57
Injury, Poisoning, and Certain Other Consequences of External Causes	\$6,006.02	13.5	\$6.77
Mental, Behavioral, and Neurodevelopmental Disorders	\$2,708.59	15.1	\$3.42
Neoplasms	\$21,199.05	13.4	\$23.65
Pregnancy, Childbirth, and the Puerperium	\$3,208.71	5.4	\$1.44
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	\$2,332.30	37.5	\$7.28
Total : All	\$2,212,182,178.98	1,046,250	\$2,212,182,178.98

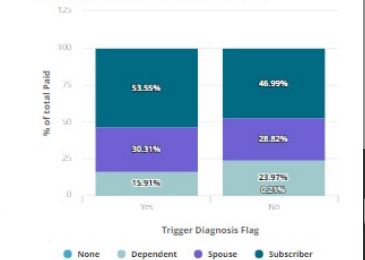
Service Category Comparison



Age Band Comparison



Member Relationship Comparison



Trending Dates on Presentation Reports

- ▶ Paid and Incurred Dates can now be trended. This will allow for users to set up recurring scheduled reports with dates that will automatically update each run based on the data that is available.

Enrollment Breakdown Update Export

Account *: None Group : None Incurred Date *: No Selection Paid Date *: None Pharmacy Flag *: Yes HCC Threshold *: \$50,000
Benchmark Cohort *: Age/Sex

To view the report, please select a date, Pharmacy Flag, HCC Threshold, Benchmark Cohort and then click update.

Incurred Date Reset filter

Set rolling date Set specific date

Trend last: 12 select a date period...

Enrollment Breakdown Update Export

Account *: None Group : None Incurred Date *: No Selection Paid Date *: None Pharmacy Flag *: Yes HCC Threshold *: \$50,000
Benchmark Cohort *: Age/Sex Adj BOB Product : N

To view the report, please select a date, Pharmacy Flag, HCC Threshold, Benchmark Cohort and then click update.

Paid Date Reset filter

Set rolling date Set specific date

includes

Jan 2017 x May 2017 x Dec 2017 x



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Public Sector

Q1 Release Training

Public Sector Some Beach Somewhere Features

- ▶ Substance Use Disorder Dashboard
- ▶ Chronic Condition Updates
- ▶ Member & Provider Updates
- ▶ CCS/CCSR Updates
 - ▶ Updated CCS pre-filters for ICD 9 & 10 bifurcation

Substance Use Disorder Dashboard

Providing DOM's a deep dive dashboard on Substance Use Disorder metrics. Provides focus by geography, type of disorder, and mental health co-morbidities.

Substance Use Disorder Dashboard

★ Favorite 📄 Export ⚙️ Options

Member Age Band: All Plan: All Program: All State Fiscal Year-Incurred Date: All Chronic Conditions: All Federal Type of Service: All

SUD w/ Mental Health Disorders: All

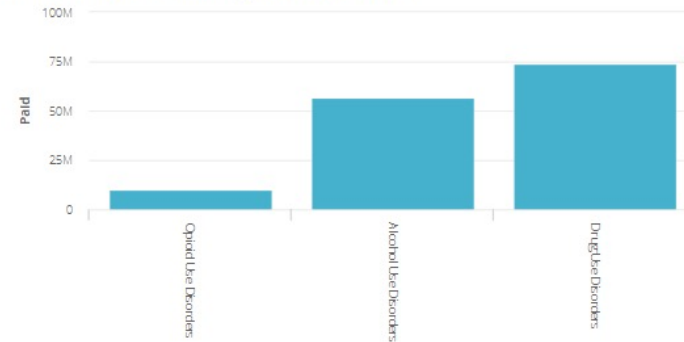
Dashboard Insights

- Age band **3 - 19** of members diagnosed with SUD had the most inpatient stays for the last year
- County **Middlesex County, MA** spent the most on substance use disorders last year and county **Middlesex County, MA** is the highest for YTD
- Alcohol use disorders accounted for **4.9%** of the total members while Opioid use disorders accounted for **1.1%**
- Members with a diagnosis of mental health disorders accounted for **13.1%** of the total members with substance use disorders

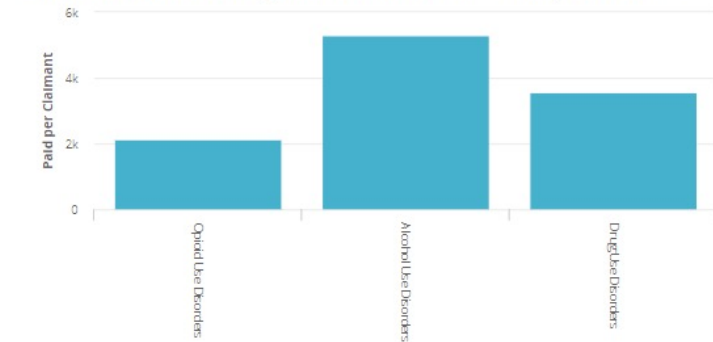
Substance Use Disorder by Mental Health Members

Chronic Conditions	Avg Age	Avg Members
Opioid Use Disorders	41.4	44
Alcohol Use Disorders	43.6	273
Drug Use Disorders	34.8	384
Total : Selected Filter(s)	38.3	565

Substance Use Disorder by Condition: Paid



Substance Use Disorder by Mental Health Members: Paid per Claimant



Chronic Condition Updates

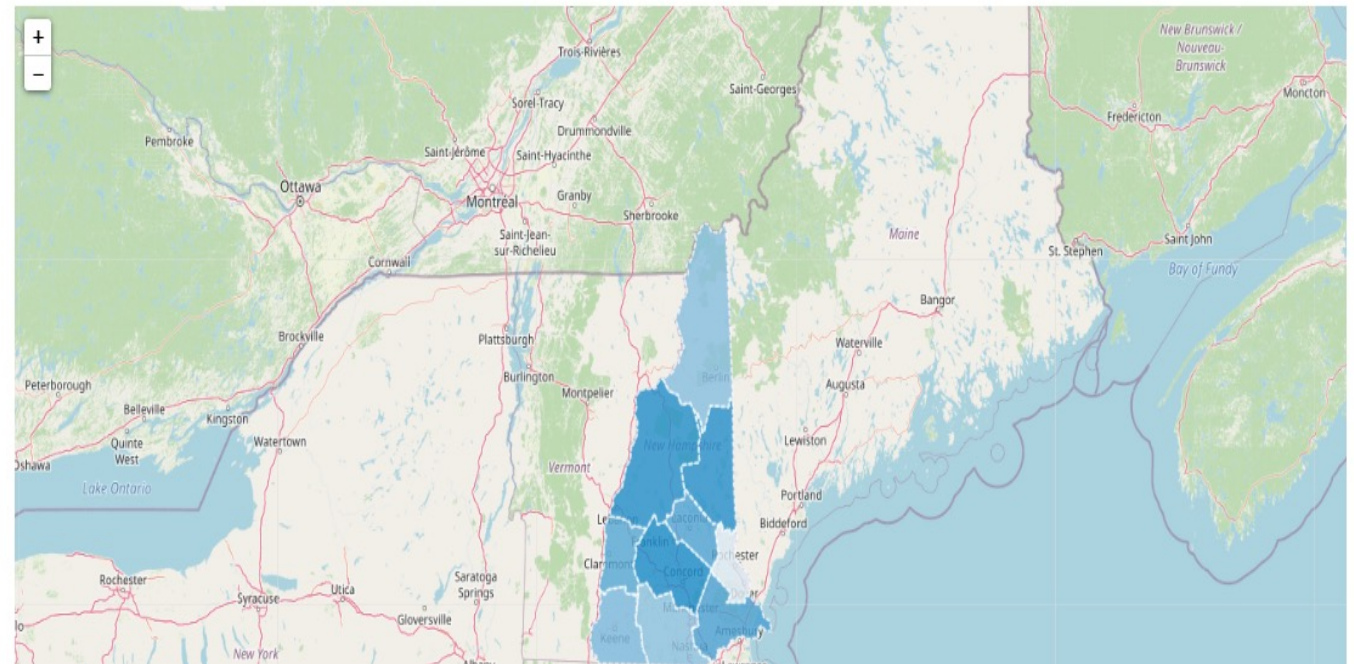
- Updated Chronic Condition Dimension to include CMS defined Alcohol, Drug Use, and Renal conditions.
- Updated all chronic condition definitions to match latest CMS defined Dx codes and definitions
- Added: PTSD, ADHD, Bipolar, Anxiety dimensions

Chronic Conditions Dashboard

★ Favorite 📄 Export ⚙️ Options ▾

Payment Type: All MCO: All Alcohol Use Disorders: All Asthma: All CAD: All CHF: All COPD: All Depression: All Diabetes: All Hyperlipidemia: All
Hypertension: All Drug Use Disorders: All Opioid Use Disorders: All Renal: All Member County: All Member Geography: NH Enrollment Date: All ✖️ Reset Filters

Chronic Conditions by Member County ▾



Member & Provider Updates

Provider Summary

Favorite Export Share Data Options

All Filters
0 in use

Provider Specialty	Number of Unique Providers	Avg Number of Providers Per County
01 - GENERAL PRACTICE	5,866	95
02 - GENERAL SURGERY	1,729	49
03 - ALLERGY	341	17
04 - OTOLOGY, LARYNGOLOGY, RHINOLOGY	659	22
05 - ANESTHESIOLOGY	2,246	107
06 - CARDIOVASCULAR DISEASE	3,379	102
07 - DERMATOLOGY	473	23
08 - FAMILY PRACTICE	16,053	185
10 - GASTROENTEROLOGY	692	69
11 - INTERNAL MEDICINE	4,398	157
12 - INTERNAL MEDICINE	615	31
13 - NEUROLOGY	1,308	57
14 - NEUROLOGICAL SURGERY	486	19
16 - OB-GYN	2,424	90

Type:

Eligibility Determination Date

Member Date of Death

- Date of Death dimension provides foundation for DSU scraping for fraudulent use of Medicaid Ids
- Eligibility Determination Date provides a timestamp for members' eligibility status and can be correlated to service dates for proper adjudication
- Avg # of Providers x County provides a data point for network adequacy by specialty

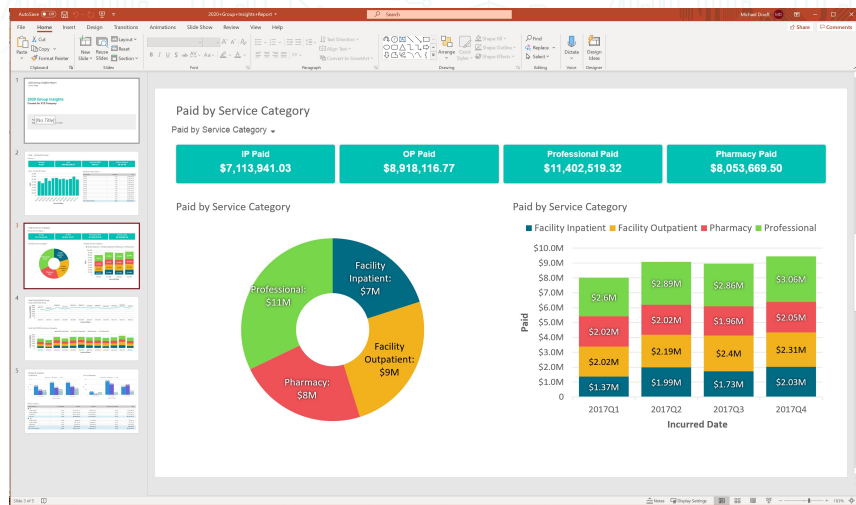


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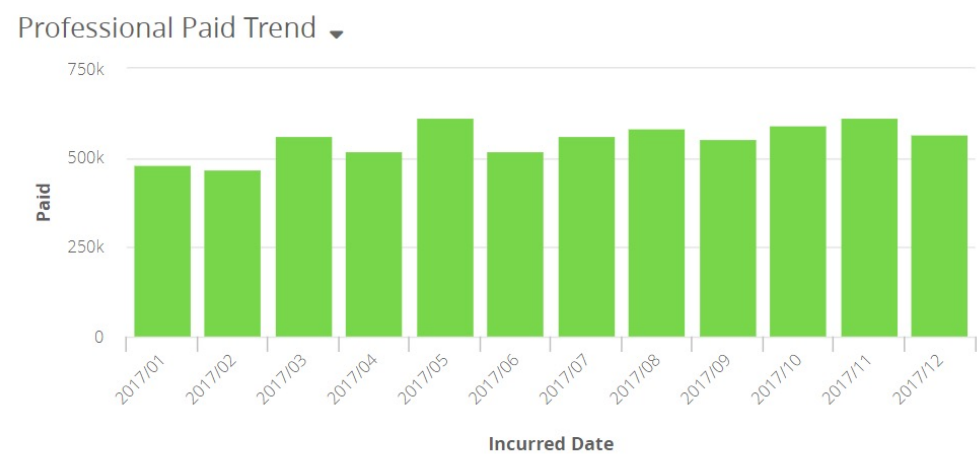
MedeWorks

Q1 Release Training

MedeWorks Aruba Release Features



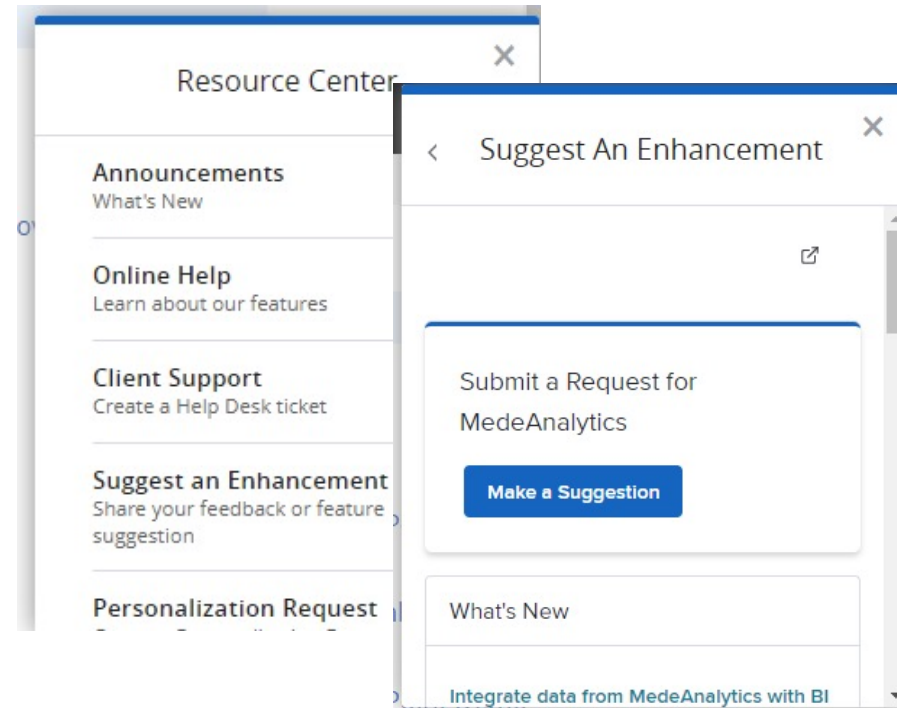
Export to PowerPoint v1



- Professional Paid over this period was \$6,639,865.68 - an average of \$553,322.14 per month.
- The largest contributors from **Event Service Type Detail** to **Paid** for **Professional** were: **Office Visits & Outpatient Services** (\$1,181,956/18%), **Drugs (Injected)** (\$585,487/9%), **Preventive Services** (\$349,753/5%), **Psychiatry** (\$246,766/4%), **Emergency Dept Services** (\$242,337/4%), **Vaccines & Toxoids** (\$206,966/3%).

Smart Narratives – v1 (config required)

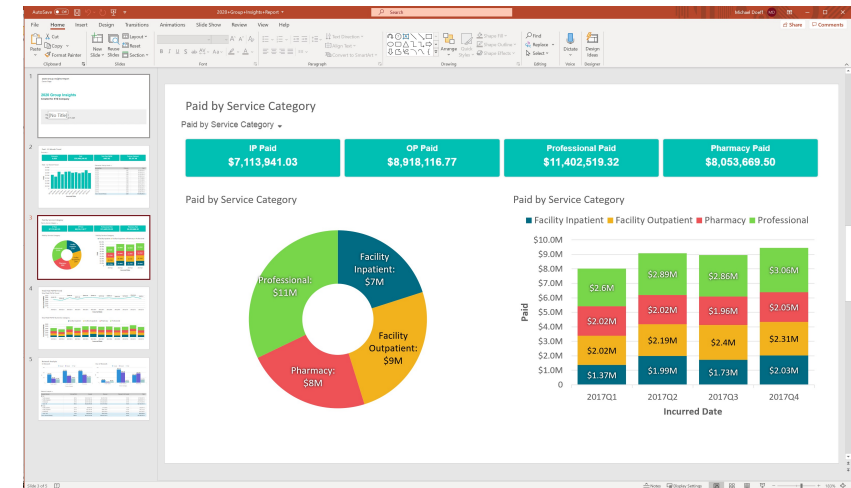
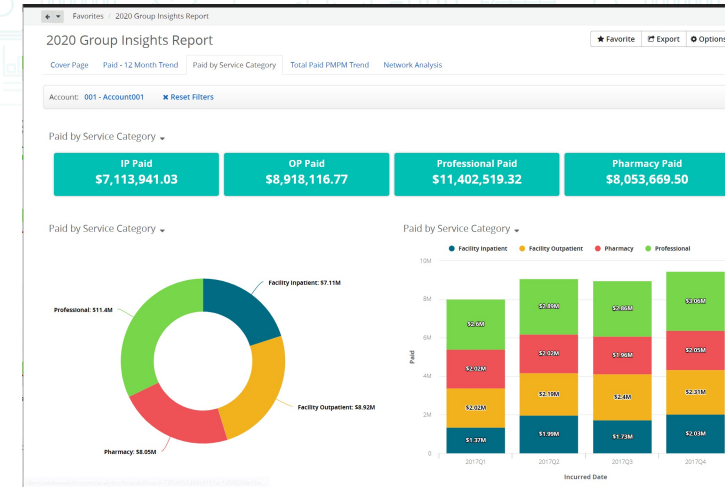
MedeWorks Aruba Release Features (cont.)



Resource Center

Print Ready Dashboards – Export to PowerPoint

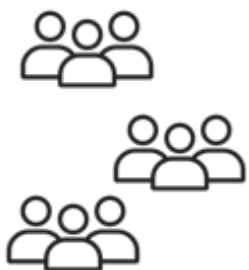
- New PowerPoint option on online and scheduled exports of dashboards
- Available in Exports and Report Scheduler
- Export to Standard or Widescreen slide size
- A limited number of chart types editable in Chart Builder
- Initial version April 2021 (Aruba release)
- Enhancements will continue into 2021 – combine Print Ready Dashboard with SSRS report, additional chart types editable in Chart Builder, Image Support, Editable Summary report in PowerPoint, Print Preview, PPT Theme Support



Why Export to PowerPoint?



Save Time – Export charts and reports directly to PowerPoint, bypassing time-consuming steps to copy/paste content from MedeAnalytics into PowerPoint



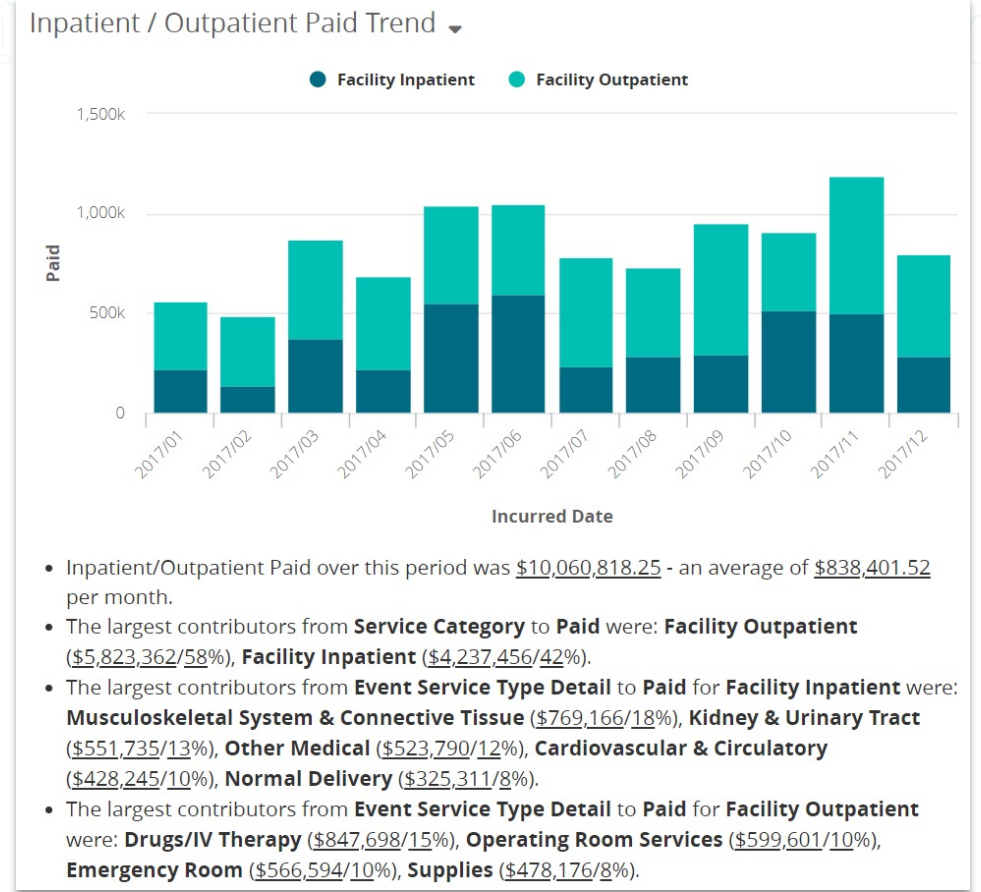
Expand Your Reach – Automation of sending charts / reports from MedeAnalytics to PowerPoint allows you to expand the number of people / companies who receive these types of reports



Self-service “Bespoke” Reporting – Meet the unique reporting needs of executives and people who aren’t users of MedeAnalytics

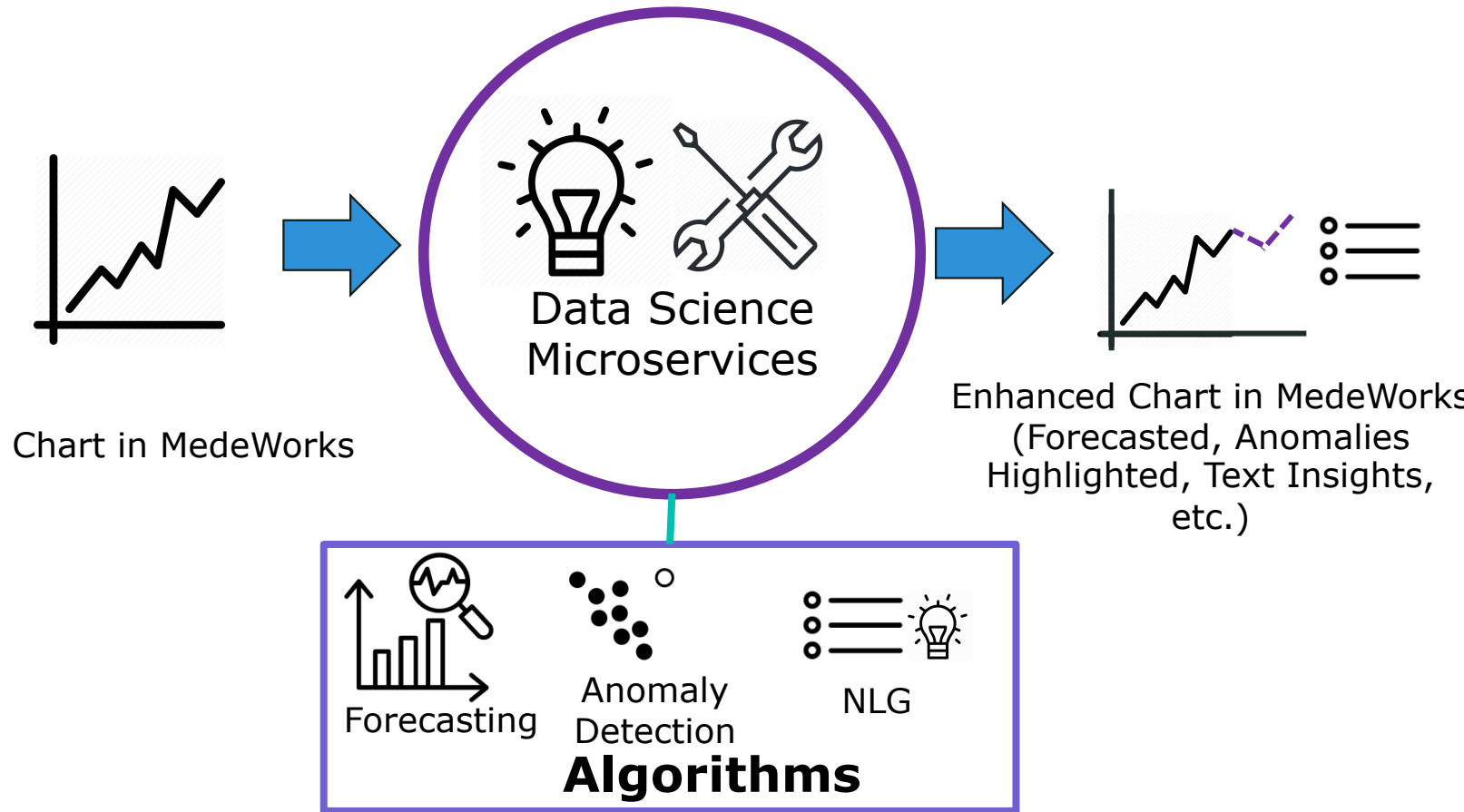
Smart Narratives v1

- Q1 version: Pre-configured text dynamically describes the data on dashboards
- Leverages Microservices built by the MedeAnalytics Data Science Team
- Narratives can include “largest contributors” narratives based on configurable thresholds
- Bora Bora release version (July 2021) will include Chart Builder support, allowing for end users to add smart narratives on a self-service basis



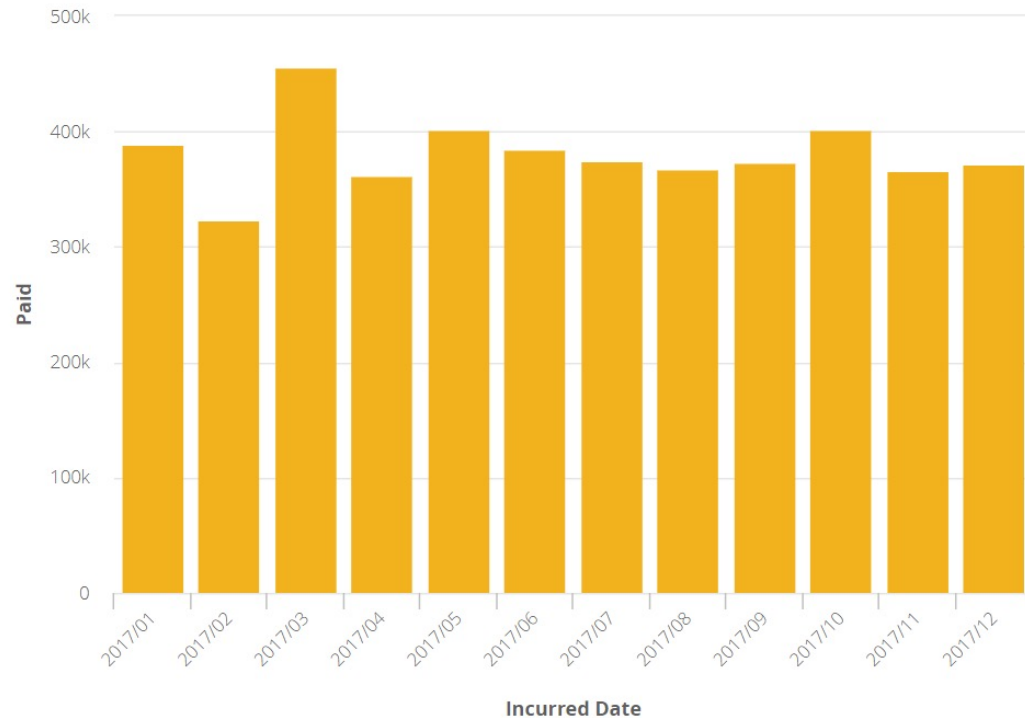
MedeWorks – Data Science Microservices

- Data Science Microservices allow for enhancing charts in MedeWorks with enhanced data such as forecasts, flagging outliers, and adding text narratives
- Charts are refreshed with updated forecasts / outliers / narratives when new filters are applied



Smart Narrative Example

Pharmacy Paid Trend ▾



- Pharmacy Paid over this period was \$4,572,422.71 - an average of \$381,035.23 per month.
- The largest contributors from **Drug Name** to **Paid** for **Pharmacy** were: **XYREM SOL 500MG/ML** (\$192,289/4%), **HUMIRA PEN INJ 40MG/0.8** (\$172,353/4%), **THIOLA TAB 100MG** (\$142,451/3%), **COPAXONE INJ 40MG/ML** (\$136,505/3%), **ENBREL SRCLK INJ 50MG/ML** (\$133,535/3%).

```
<text-narrative tertiary-axis="DrugName">
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    <metric name="[Measures].[Paid (Line)]" type="US currency"
  />
  </metrics>
  <narratives>
    <narrative type="metric_total_and_average" group-
axis="IncurredDate_yearsquartersmonths" decimals="2">
      <custom-text>Pharmacy Paid over this period was {total} -
an average of {average} per month.</custom-text>
    </narrative>
    <narrative type="dimensional_largest_contributors" group-
axis="ServiceCategory_h1" contributor-axis="DrugName"
decimals="0" threshold="2" return-option="all" hidden-
contributor="true" />
  </narratives>
</text-narrative>
```




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Questions?

Submit your questions via the Q&A function
and select “all panelists”

Additional Resources

- ▶ MedeLearning
 - ▶ MedeLearning is the MedeAnalytics Learning Management System, powered by SAP Litmos. You'll find MedeAnalytics platform and product training, webinars and other elearning topics there.
 - ▶ Log in at <https://medelearning.litmos.com>
- ▶ Online Help
 - ▶ MedeAnalytics Online Help is built in to the MedeAnalytics Platform. The online help is accessed from the question mark icon in the top right of MedeAnalytics products.
- ▶ Release Notes



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Thank you



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